GFER Antibody

PACO42957

Product Information

Size:

50ul

Reactivity:

Human, Mouse

Source:

Rabbit

Isotype:

IgG

Applications:

ELISA, WB, IHC

Recommended dilutions:

ELISA:1:2000-1:10000, WB:1:200-1:1000, IHC:1:20-1:200

Protein Background:

Isoform 1: FAD-dependent sulfhydryl oxidase that regenerates the redox-active disulfide bonds in CHCHD4/MIA40, a chaperone essential for disulfide bond formation and protein folding in the mitochondrial intermembrane space. The reduced form of CHCHD4/MIA40 forms a transient intermolecular disulfide bridge with GFER/ERV1, resulting in regeneration of the essential disulfide bonds in CHCHD4/MIA40, while GFER/ERV1 becomes re-oxidized by donating electrons to cytochrome c or molecular oxygen. Isoform 2: May act as an autocrine hepatotrophic growth factor promoting liver regeneration.

Gene ID:

GFER

Uniprot

P55789

Synonyms:

FAD-linked sulfhydryl oxidase ALR (EC 1.8.3.2) (Augmenter of liver regeneration) (hERV1) (Hepatopoietin), GFER, ALR HERV1 HPO

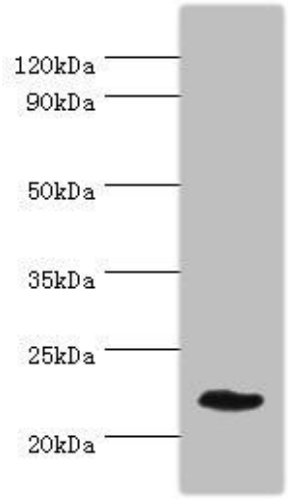
Immunogen:

Recombinant Human FAD-linked sulfhydryl oxidase ALR protein (81-205AA).

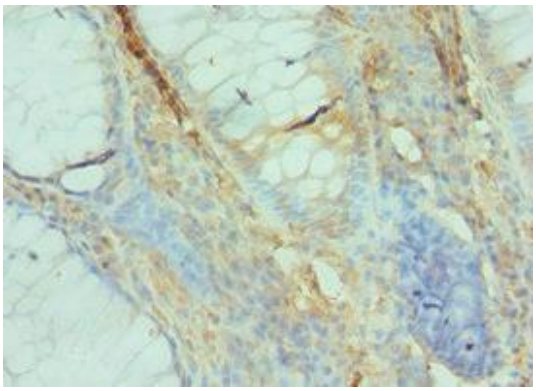
Storage:

PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

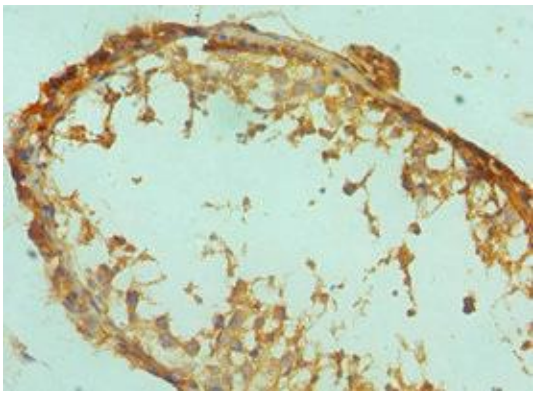
Product Images



Western blot. All lanes: GFER antibody at 3µg/ml + Mouse liver tissue. Secondary. Goat polyclonal to rabbit IgG at 1/10000 dilution. Predicted band size: 24, 16 kDa. Observed band size: 24 kDa.



Immunohistochemistry of paraffin-embedded human colon cancer using PACO42957 at dilution of 1:100.



Immunohistochemistry of paraffin-embedded human testis tissue using PACO42957 at dilution of 1:100.

